

What is claimed is:

1. A network system for effectuating networked data communication between a vehicle and a plurality of global network based data processing resources comprising:

an in-vehicle device installed in said vehicle, said in-vehicle device having a first wireless network connectivity interface; and

a communication interface device, said communication interface device having a second wireless network connectivity interface;

wherein, said first wireless network connectivity interface and said second wireless network connectivity interface form a wireless network connection between said in-vehicle device and said communication interface device;

said communication interface device further comprising a plurality of communication means for forming a network connection between said communication interface device and said plurality of global network based data processing resources;

wherein, data communicated between said in-vehicle device and said communication interface device is received, processed, and routed to said plurality of global network based data processing resources;

wherein, data communicated between said plurality of global network based data processing resources and said communication interface device is received, processed, and routed to said in-vehicle device;

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wherein, said in-vehicle device wirelessly data communicates, by way of said communication interface device, with said plurality of global network based data processing resources.

2. The network system in accordance with claim 1 wherein, said communication interface device further comprises a wireless data connection for perfecting a network connection with a wireless device.

3. The network system in accordance with claim 2 wherein, said wireless data connection includes at least one of the following: a wireless transceiver interface, said wireless device interface, a wireless modem interface, a wireless phone interface, or a wireless data link.

4. The network system in accordance with claim 2 wherein, said wireless device is at least one of the following: a wireless phone, a personal data assistant, a pager, a pocket sized personal computer, an internet appliance, or a programmable storage device.

5. The network system in accordance with claim 1 wherein, said in-vehicle device further comprises a wireless data connection for perfecting a network connection with a wireless device.

6. The network system in accordance with claim 5 wherein, said wireless data connection includes at least one of the following: a wireless transceiver interface, said wireless device interface, a wireless modem interface, a wireless phone interface, or a wireless data link.

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2 7. The network system in accordance with claim 5 wherein, said wireless device
3 is at least one of the following: a wireless phone, a personal data assistant, a
4 pager, a pocket sized personal computer, an internet appliance, or a
5 programmable storage device.

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1 8. The communication interface device in accordance with claim 1 wherein, said
2 plurality of communication interfaces includes at least one of the following
3 communication interface types: a universal serial bus port, a personal data
4 assistant interface, an RS232 interface, an RS485 interface, a carrier current
5 interface, a network connection to the Internet, a modem interface, a wireless
6 modem interface, a wireless phone transceiver, a wireless phone interface, a
7 wireless data link, or a local area network interface.

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1 9. The network system in accordance with claim 1 wherein, said communication
2 interface device is at least one of the following: a personal computer, an
3 internet appliance, a network router, a network concentrator, a network hub, a
4 network server, or a network gateway.

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1 10. The network system in accordance with claim 1 wherein, said plurality of
2 global network based data processing resources include at least one of the
3 following: a global network server, a global network application server, a
4 global network database, a virtual private network, an emergency monitoring
5 network, a second communication interface device, a second in-vehicle
6 device, a personal computer, a wireless phone, a personal data assistant, a
7 pager, a pocket sized personal computer, a programmable storage device, or
8 an internet appliance.

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1 11. The network system in accordance with claim 1 wherein, said plurality of
2 communication means data communicates by at least one of the following

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connectivity standards or protocol: a wired connection, a personal data assistant interface, a wireless phone interface, an RS232 serial interface, an RS485 interface, a USB port interface, an ethernet connection, a TCP/IP type network connection, a PPP type network connection, a SLIP type network connection, a socket layer network connection, BLUETOOTH protocol or standard, or WIRELESS APPLICATION PROTOCOL or standard.

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12. The network system in accordance with claim 1 wherein, said communication interface device is physically located at a store display accessible by a customer.

13. A global network based data processing system for receiving informational, operational, telemetry, or metric data from a vehicle, and for allowing a user to access and compile result data from a plurality of databases for the purpose of identifying, procuring, or transacting electronic commerce related to vehicle service, vehicle maintenance, or vehicle replacement parts comprising:

a communication interface device for receiving said user input, and for receiving said vehicle informational, operational, telemetry, or metric data; and

a plurality of global network based data processing resources, said plurality of global network based data processing resources data communicate with said communication interface device;

wherein, said plurality of global network based data processing resources data communicate with said communication interface device for purposes including: obtaining said user input, providing result data to said user, receiving, processing, or selectively storing said vehicle informational,

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19 operational, telemetry, or metric data, or for transacting electronic commerce
20 or electronic business.

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1 14. The global network based data processing system in accordance with claim 13
2 wherein, said communication interface device further comprises a wireless
3 data connection for perfecting a network connection with a wireless device.

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2 *cont* 15. The network system in accordance with claim 14 wherein, said wireless data
3 connection includes at least one of the following: a wireless transceiver
4 interface, said wireless device interface, a wireless modem interface, a
5 wireless phone interface, or a wireless data link.

1 16. The global network based data processing system in accordance with claim 14
2 wherein, said wireless device is at least one of the following: a wireless
3 phone, a personal data assistant, a pager, a pocket sized personal computer, an
4 internet appliance, or a programmable storage device.

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1 17. The global network based data processing system in accordance with claim 13
2 wherein, said communication interface device is at least one of the following:
3 a personal computer, an internet appliance, a network router, a network
4 concentrator, a network hub, a network server, or a network gateway.

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1 18. The global network based data processing system in accordance with claim 17
2 wherein, said communication interface device is physically located at a store
3 display accessible by a customer.

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1 19. A networking method for delivering a plurality of digital content to a data
2 processing device, said data processing device being an in-vehicle device

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